

AMR PEMCO

PROVEN PARTNER IN TECHNOLOGY

NetMesh Monitoring Solutions

AMR PEMCO's Net Mesh system is the second generation of our communications and tracking solutions, adding real time voice and 802.11 data connectivity. The primary purpose of these systems is to expedite miner location and rescue efforts, but they also greatly increase productivity during daily operations.

MN—6400 Wireless Access Point

Configurable as Tracking only, Texting with Tracking, or combined with Voice and 802.11 Wi-Fi Data. Central Monitoring Station utilizes Windows-based software for tracking, reporting and mine map options. The system uses Voice over Internet Protocol (VoIP) for voice communication, and provides a high speed data network that can be accessed with virtually an Wi-Fi enabled device such as laptops, tablets, and Smart Phones. Applications for Wi-Fi data also include wireless video cameras, environmental and process control device monitoring, or data collection from mine power centers and mining equipment.



Personnel Tag



The MN-6425 Wi-Fi Ranging Tag is the latest in precision wireless tracking for underground environments such as mines and tunnels. Available with multiple communication options, the tag is compatible with the AMR PEMCO Mine Net Mesh platform, the Collision Avoidance Protection System (CAPS), or a combination of the two systems. The unit is lightweight, rechargeable, and includes an integrated clip allowing personnel to place it prominently on their mid to upper body.



VoIP Handset

2.4 GHz, IEEE 802.11 Compliant. Send preset or custom text message to a single person, a few, all users or the system operator. Continuous calls and Push-To-Talk (PTT) voice options, and PTT allows broadcast calls and call groups. NEMA 4X with rubber grips and LCD Color Display.

MineWeb

Web-based application for personnel and equipment tracking in underground mining, and complements Net™ Mesh, Wi-Fi based communication and tracking system places MineNet™ top end. Able to connect to multiple Net™ systems and personnel/equipment located on mine map with pan and zoom features. Multiple remote clients can access the standard SQL server database.



Delivering quality electrical solutions for over 60 years

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